

# Zero Emission Electric Vehicle Infrastructure Council (ZEEVIC) March Meeting

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**Meeting Date:** March 16, 2022

**Meeting Location:** Phone/Webinar and MDOT HQ

## **ZEEVIC Members/Appointed Representatives in Attendance:**

- R. Earl Lewis, Jr. (MDOT),  
ZEEVIC Chair
- David Edmondson (City of  
Frederick/MML)
- Kristy Fleischmann-Groncki  
(BGE)
- Nina Forsythe (City of  
Frostburg/MML)
- Mike Jones (MEA)
- Kevin Miller (ChargePoint)
- Jeff Shaw (SMECO)
- Jason Tai (Tesla Consultant)
- Elvia Thompson (Annapolis  
Green)
- Paul Verchinski (Public  
Representative)
- Michael Wall (Clinton Electric)
- Bob Wimmer (Toyota)
- Bihui Xu (MDP)
- Weston Young (Worcester  
County/MACO)

## **ZEEVIC Member Alternates:**

- Amanda Best (PSC)
- Fred Hoover (OPC)
- Dan O'Connor (PHI)
- Tim Shepherd (MDE)
- Emily Soontornsaratool (DGS)

## **Staff:**

- Rebecca Bankard (Baker, supporting MDOT)
- Haley Erickson (ICF, supporting MDOT)
- Carrie Giles (ICF, supporting MDOT)
- Dan Janousek (MDOT)
- David Proctor (Sharp & Co., supporting MDOT)

## **Welcome and Announcements**

- The Port of Baltimore has been awarded \$.18 million through the Diesel Emission Reduction Act (DERA) to replace older cargo-handling equipment and dray trucks with electric versions.
- Members of Electric Vehicle Association of Greater Washington, DC (EVA DC) joined Montgomery County's [FeBREWary](#) events to promote electric vehicle (EV) ownership and Montgomery County's [EV Purchasing Cooperative](#).
- The Maryland Commission on Climate Change recently reported an update on Maryland's goal to reduce greenhouse gas emissions by 25% from 2006 levels by 2020, noting Maryland achieved a 32% reduction in 2020.
- Deputy Secretary Lewis remembered Bob Burninga as an early EV advocate and honored him with a moment of silence.

## **Public Comments**

- Joyce Breiner announced Poolsville Green is partnering with Montgomery County for two events, [Go Electric](#) on March 19<sup>th</sup> and [GreenFest](#) on April 23<sup>rd</sup>.
- Paul Verchinski noted supply chain issues causing electric vehicle supply equipment (EVSE) replacement parts delays and the need to encourage off-peak charging.
- Nina Forsythe announced the ribbon cutting of two new direct current fast (DC Fast) EVSE behind the Frostburg library. She also noted the need for more DC Fast EVSE and Americans with Disabilities Act (ADA) accessible EVSE in Maryland.



- Mike Wall noted that California has adopted state [ADA guidelines](#); Tim Shepherd (MDE) noted that Volkswagen (VW) Settlement grant applications require ADA plans; and, Cathy Poff, a Maryland physical therapist, echoed the need for ADA accessible EVSE.
- James Wagner requested that ZEEVIC promote electric bicycles, and other electric last-mile transit options, as a zero-emission form of transportation. David Edmondson echoed this.
  - Deputy Secretary Lewis noted that MDOT initiated [Senate Bill 210](#), which adds commuter benefits for e-bikes and scooters.
- Emanuel Wagner shared that the U.S. Department of Energy (DOE) Hydrogen Hubs Implementation Strategy Request for Information (RFI) responses are due March 21.
- Josh Cohen announced that GreenLots has rebranded to [Shell Recharge Solutions](#).
- Kevin Miller suggested that ZEEVIC consider the varying approaches taken by states deploying EVSE and submit a response to the U.S. Department of Transportation (DOT) concerning clear national EVSE requirements.
- Matthew Chen noted that the Joint Office of DOE and DOT issued an RFI for how to reduce the soft costs of EVSE installation.

### Zero Emission Vehicle Infrastructure Plan (ZEVIP) Update

- MDOT shared an update on the ZEVIP and how MDOT is addressing the National Electric Vehicle Infrastructure (NEVI) Program. Details are available in the meeting presentation.
- 2022 Key Dates:

Date	Description
March 16	Webinar Invitation Sent Out
March 21	MDOT MEA Coordination Internal Meeting (ongoing)
March 21	MDOT/MEA Advisory Group Meeting #2 (ongoing)
March 24	MetroQuest Survey Launches
March 31	Webinar #1 – Intro, Q&A, and Stakeholder Survey
April 25 (week of)	Webinar #2 – Equity (Community, Outreach, Corridor Analysis, Considerations)
May 13	AFC Nominations Round 6 Due; 2 <sup>nd</sup> Technical Guidance Released
May 18	ZEEVIC Council Meeting
May 23 (week of)	Webinar #3 (Technology Focus, Progress)
June	Draft ZEVIP Plan for Comment
TBD	Webinar #4 (if determined to be needed)
<b>August 1</b>	<b>ZEEVIP Due Date to Joint Office</b>

- Round 6 Alternative Fuel Corridor (AFC) [requirements](#) have been published.
- FHWA has updated its EV Corridor-Ready Requirements. Public DC Fast stations now must:
  - Be located within 1 mile of an interstate exit or highway intersection
  - Include 4 combined charging system (CCS) connectors to allow for 4 cars to charge simultaneously
  - Have a minimum charge power per DC Fast port of 150kW
  - Have a minimum site power capability of 600kW
- Currently, only 2 segments of Maryland’s designated AFCs meet FHWA’s new criteria to be certified as corridor-ready.
- While none of Maryland’s AFCs will lose their corridor-ready designation, all AFCs will need to meet the station requirements in order to be certified.

- MDOT is conducting gap and equity analyses for EVSE infrastructure expansion.
- MDOT will release a MetroQuest Survey on March 24<sup>th</sup> to collect recommendations for EVSE siting locations.
- The Maryland ZEVIP website is live. Access the website here: [evplan.mdot.maryland.gov](http://evplan.mdot.maryland.gov)

**Medium- and Heavy-Duty Vehicle (MHDV) Action Plan**

- Sixteen states, including Maryland, are part of a [memorandum of understanding](#) (MOU) to support the deployment of the Medium- and Heavy-Duty ZEVs and develop an Action Plan.
- The Northeast States for Coordinated Air Use Management (NESCAUM) coordinated the development of the Action Plan and released a [draft Action Plan](#) on March 10<sup>th</sup>. It includes over 60 recommendations for state policymakers to promote the deployment of electric MHDVs.
- Comments on the Action Plan are due April 25, 2022, and may be submitted here: <https://www.nescaum.org/files/mhd-zev-input.php>

**2022 Legislative Session**

- ZEEVIC wrote and submitted a letter of support on March 9, 2022, in support of nine bills that are considered generally consistent with ZEEVIC’s mission and purpose.
- There are a total of 25 ZEV-related bills in the 2022 legislative session. As of March 19<sup>th</sup>, five bills have crossed over to the opposite chamber.

**2022 ZEEVIC Member Survey Results**

- In February 2022, ZEEVIC members were sent a survey to finalize the 2022 ZEEVIC priorities statement and collect ideas for 2022 meeting topics.
- 2022 ZEEVIC Priorities Statement:
  - Install more EVSE and ensure EV readiness through strategic infrastructure planning, particularly focusing on rural communities, equitable EVSE placement in environmental justice communities, corridors, and multi-unit dwellings and apply lessons learned from EVSE deployment to continuously improve EVSE infrastructure.
  - Maximize the use of grant and alternative funding opportunities for EV/EVSE in Maryland, particularly funds allocated to Maryland through the Infrastructure Investment and Jobs Act, by collaborating across local and state agencies to strategically target funds for optimal infrastructure expansion.
  - Continue ZEV education and outreach coordination, with a focus on diversity and equity, to increase ZEV deployment.
- 2022 Meeting Schedule:

Month	Topics
May	<ul style="list-style-type: none"> <li>• ZEVIP Submission Update</li> <li>• Other Federal Funding Opportunities</li> </ul>
July	<ul style="list-style-type: none"> <li>• Hydrogen Vehicles and Infrastructure</li> <li>• EVSE Infrastructure in High-Density Housing</li> </ul>
September	<ul style="list-style-type: none"> <li>• Permitting, Building Codes, Zoning Codes, and Other Best Practices</li> <li>• ZEVIP Plan Approval Update</li> </ul>
November	<ul style="list-style-type: none"> <li>• State ZEV Project Updates</li> <li>• Electrifying Freight Corridors in Maryland</li> <li>• ZEVIP Funding Opportunity Announcements</li> <li>• 2022 Annual Report</li> </ul>



## State Agency Updates

- MDE
  - Volkswagen Settlement – Vehicle Replacement Program
    - MDE is expecting a majority of Phase 1 projects to be completed in 2022.
    - MDE is planning to reopen proposals for Phase 2 in 2022 for electric school buses and electric MHDVs.
  - Volkswagen Settlement – EVSE Infrastructure Programs
    - Proposals for Phase 2 are due on April 15<sup>th</sup>.
  - In March, the U.S. Environmental Protection Agency proposed new emission standards for MHDVs and reinstated the California waiver provision under Section 177 of the Clean Air Act.
- MEA
  - The EVSE Rebate program has awarded over \$1.4 million, totaling 1,661 EVSE. The budget is 78.8% subscribed.
  - Clean Fuels Incentive Program (CFIP) fiscal year (FY) 2022 Round 1 program award announcements are coming soon. Round 2 is open from March 10<sup>th</sup> to April 20<sup>th</sup>.
  - The Clean Fuels Technical Assistance Program (CFTA) will continue in 2022.
- PSC
  - The PC44 Work Group’s Commercial Rate Design subgroup is aiming to file a proposal with the PSC in 2022.
  - Directives from [Order No. 90036](#) are in process:
    - Determine regulations for EVSE metering by December 31, 2023.
    - Determine EVSE reliability standards reporting requirements by August 1, 2023.
    - Fleet proposals are due June 30, 2022.
  - The EVSE Pilot Program Semi-Annual Reports were reviewed at the March 16, 2022, Administrative meeting.
- MDP
  - In November 2021, MDP and MDE cohosted a conference on community solar facilities on developed lands and brownfields. More information can be found here: <https://planning.maryland.gov/Pages/OurWork/envr-planning/solar-siting/solar-siting-home.aspx>
  - MDP is continuing to review plans submitted by local jurisdictions related to EV building codes and best practices.
- DGS
  - On March 2<sup>nd</sup>, DGS released an RFI for a statewide comprehensive EV charging solution strategy to bring together all statewide EVSE activities. The RFI closes on April 6<sup>th</sup>.
  - The Statewide EV Infrastructure Strategy is available here: <https://dgs.maryland.gov/Pages/ElectricVehicle/index.aspx>
  - EVs for FY22 were purchased in December 2021. DGS has initiated EV purchases for FY23. Agencies should keep an eye out for EV requests around May 2022.

## Social Media and MarylandEV Updates

- ZEVIP plan is available on the Maryland EV website: [marylandev.org](http://marylandev.org)
- In-person events are coming back. Keep an eye out for Maryland EV involvement at events in spring 2022.



## Utility Updates

- BGE
  - EVSE Pilot Program Update
    - Residential: 1,664 (only 1,000 rebates may be awarded, but all applicants received information on the \$50 annual incentive)
    - Multifamily: 137 ports
    - Public: 197 live, 279 in progress
    - TOU Rate: 786 participants
  - BGE has received approval for fleet and workplace EVSE installations. More information will be shared at the next ZEEVIC meeting.
  - BGE is participating in an Earth Day event hosted by Anne Arundel County and attending a DGS Earth Day event to demonstrate EV charging.
- PHI
  - EVSE Pilot Program Update
    - Residential: 62 (Delmarva), 750 (Pepco)
    - Multifamily: 0 (Delmarva), 6 (Pepco)
    - Public: 51 Level 2, 5 DC Fast (Delmarva); 53 Level 2, 3 DC Fast (Pepco)
    - TOU Rate: 5 participants (Delmarva), 330 participants (Pepco)
  - PHI's EVsmart program will attend Montgomery County's March 19<sup>th</sup> Go Electric! event.
- SMECO
  - EVSE Pilot Program Update
    - 22 EVSE Installed (19 Level 2, 3 DC Fast)
    - Launched whole-house TOU rates in February.
  - SMECO hosted a ribbon cutting on February 1<sup>st</sup> for a new EVSE in Calvert County.
  - SMECO will be part of a May 14<sup>th</sup> EV Meet & Greet event at LaPlata's Farmer's Market.
- Potomac Edison
  - EVSE Pilot Program Update
    - Residential Rebates: 193
    - Multifamily: 0
    - Public: 16 Level 2, 8 DC Fast
    - TOU Rate: 279 participants
  - On March 14<sup>th</sup>, Potomac Edison held an EVSE ribbon cutting in Frostburg.
  - Tesla vehicles are now eligible for rebates and the off-peak rewards program.

## Closing Remarks

- The next regularly scheduled ZEEVIC meeting will be in May 2022.

## Next ZEEVIC Meeting

May 18, 2022